

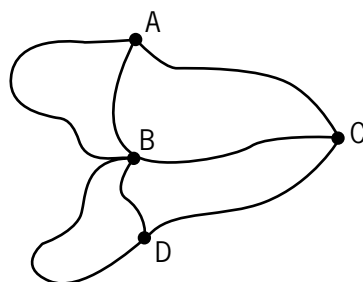
**guided
practice**

NAME _____

Module 20 Solving Problems Using Probability,
Statistics, and Discrete Math
Lesson 4 Solving Discrete Mathematics Problems

Set 1

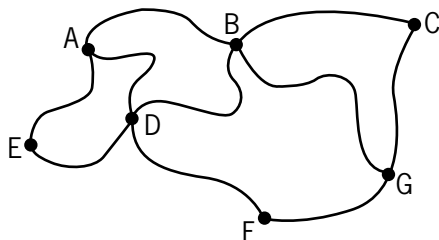
Use the following graph for Questions 1 and 2. The graph represents the trails in a park.



1. Find the degree of the vertices.

2. A mountain biker wishes to ride each of the seven trails. Is there a traversable path that would enable him to ride each trail exactly once?

Use the following graph for Questions 3 and 4. The graph represents the streets in a neighborhood.



3. To be efficient, a snow plow driver should follow a traversable path. Is there a traversable path through this neighborhood?

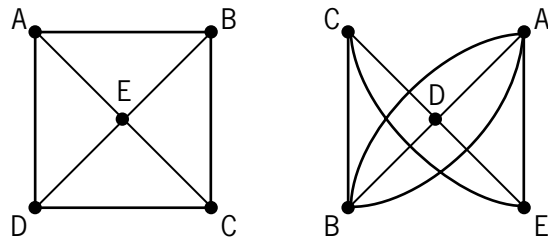
4. Find a traversable path that the snow plow driver can take.

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Set 2

1. Are the graphs equivalent graphs?



2. Are the graphs equivalent graphs?

